



New dorm to open 2020 with dining hall, 450-bed capacity

Will house students relocated for future renovations, more kitchens desired but deemed energy-inefficient

By Vivian Zhong
EDITOR IN CHIEF

Priorities for the design of the new dormitory to be built on Vassar St. include a summer 2020 opening date, a dining hall, a 450-bed capacity, and infrastructural sustainability.

In a meeting Monday with student representatives from the New Residences Working Group, which had advised the pre-design phase of the project, senior MIT Facilities and Division of Student Life administrators revealed that MIT has formally engaged two architectural firms for the design phase, during which the schematic for the residence hall will be finalized.

The origin of some of the decisions and priorities listed at the Monday meeting is unclear, Allan Sadun '17, a member of the working group, said in an interview with *The Tech*.

In a statement to *The Tech*, Suzy Nelson, the vice president of student life, wrote that the priorities were "arrived at with input from students, faculty, staff, and senior administration."

A key point of contention for student representatives to the working group was the number of kitchens the new dorm should have. The students had pushed heavily for the construction of at least one kitchen per 60 residents at meetings during the pre-design phase, Sadun said, but the administration was now pushing to lower that ratio, citing the monetary and energy costs of constructing and operating kitchens.

"The more you think about it, the more you understand where they're coming from," Sadun, who lives in a

non-dining hall dorm, said. "But I still think they're making tactical mistakes that makes the dorm not as good as it could be."

In her statement, Nelson said she understood that "students value access to kitchens and want to see them in the new residence hall," and that DSL will work with students and other stakeholders in the coming weeks to develop a solution.

The new residence hall is intended in part to serve as a temporary home for students who have to be relocated as older dorms, such as Burton Conner and East Campus, are renovated.

Responding to concerns about how cook-for-yourself communities would be accommodated in a dining hall dorm with limited kitchen facilities, Nelson wrote that she is confident in DSL's ability to support relocated students. DSL will leverage lessons learned from the New House situation.

Sadun said that Nelson has noted the dilemma of balancing the need for both a dining hall and kitchens in order to accommodate the diverse preferences of the residents that will use the dorm, ranging from cook-for-yourself communities to summer program participants. He added that Nelson has not, however, asked for student help in "squaring the circle."

In an interview with *The Tech* last month, Matthew Bauer, director of communications for DSL, and Jim May, director of campus planning, said that the design phase would build on the work done for the pre-design phase.

This statement is "true to some extent," Sadun said. A key role of the

working group was to give feedback on room adjacencies: where dorm rooms, lounges, kitchens, restrooms, and other spaces should be in relation to each other.

All the test-fittings conducted during pre-design were for 350 beds. This number was later increased to 450 after the construction site was finalized and after DSL and Facilities committed to maximizing capacity in order to accommodate new students in addition to those relocated due to renovations in their dorms.

Prior to the Monday meeting, *The Tech* spoke with another member of the working group, Kate Farris '17. She praised the administrative representatives, Nelson and Jag Patel '97, director of special projects in the chancellor's office, for communicating clearly to them the charge of the working group and for doing their best to arrange meetings to accommodate the students' schedules.

A third student representative, Kate Weishaar '18, echoed Farris' sentiments when she spoke with *The Tech* earlier this month. However, in light of the information conveyed during the Monday meeting, Weishaar indicated that she no longer agrees.

Asked to compare the experience of the New Residences Working Group with that of the Founders' Group, which was convened in 1999 to advise the design of Simmons Hall, Farris said that the two were absolutely nothing alike. While the Founders' Group often found its concerns and feedback ignored by the architectural

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MIT admits Class of 2021, works to ensure students from travel ban-affected countries can attend

MIT released its regular action decisions for the Class of 2021 last Tuesday, bringing the total number of admitted students to 1,438 out of the 20,247 who applied, for an acceptance rate of 7.1 percent, down from 7.8 percent last year.

The admitted class represents all 50 American states and 9 percent of its members hail from outside the United States. Approximately half of its members are women, a quarter are African American, Latinx, or Native Amer-

ican, and 18 percent are first-generation college students (up from 15 percent last year).

Admissions is hoping to enroll about 1,100 students in the freshman class next fall, down slightly from 1,120 last year, Dean of Admissions Stu Schmill '86 wrote in an email to *The Tech*.

Schmill clarified in a phone call that the administration is not reducing the number of students admitted due to the overcrowding in dormitories which resulted

from the New House construction. However, Admissions "wanted to be a little conservative" in admitting students, he said, adding, "we don't want to over-enroll if we can help it," especially with the crowded conditions.

Due to a higher financial aid budget, Schmill wrote, all students — not just freshmen — will receive a financial aid package which reduces the self-help expectation component by \$2000 per year.

A number of admittees (fewer than 10, Schmill said) hail from the seven countries either currently or previously impacted by the executive travel ban, specifically Syria, Iran, Sudan, and Iraq (the last of which is no longer affected by the restrictions).

One student from Syria, who was admitted early action, was previously quoted in an amicus brief filed by MIT which urged the local federal district court to oppose the travel ban.

The MIT administration has been in touch with these students regarding their ability to travel to the United States, and has reached out to government agencies and lawmakers to work towards allowing the students to move freely in and out of the country.

"Everyone at MIT [administration]" wants to allow the students to get here, Schmill said. "We consider these students to be a part of our community."

— Patrick Wahl

UA DEBATE

The Tech will moderate a debate between the candidates for UA president and vice president in three weeks. If you have questions you would like to see the candidates answer, please send them to eic@tech.mit.edu.

IN SHORT

Noam Chomsky will speak about climate change and President Trump today from 5-6:30 p.m. in 26-100 in a Starr Forum lecture entitled "Racing to the Precipice: Global Climate, Political Cli-

mate." Seating is first-come, first-serve. Overflow seating will be available in 54-100, where there will be a live stream of the event.

Shuttles to the airport will be provided by the Parking and Transportation Office Friday and Saturday. There is a \$15 charge for the service, and shuttles will

leave from Kresge Parking Lot. To reserve a seat, and to view more details, visit <http://web.mit.edu/facilities/transportation/shuttles/airport.html>.

Fall 2017 housing and dining forms are open on myhousing.mit.edu. Freshmen, sophomores, and juniors are required to com-

plete the form to renew or cancel their on-campus housing by Apr. 2. Forms for summer housing will open Sunday and will be due Apr. 24.

Have a wonderful spring break!

Send news and tips to news@tech.mit.edu.

CAJUN SENSATION

Our news editor sojourns to Back Bay — and the arts section. ARTS, p. 7

WORLD AND NATION RETURNS

One of our senior editors doesn't think you're informed enough about life outside MIT. Read our digest and prove her wrong. WN, p. 2



THE WINTER'S TALE

It's still winter in this Shakespeare play. ARTS, p. 7

GRADIENT AS-CENT

MIT Outing Club hosts SumMIT. SPORTS, p. 11

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Search for Secret Service leader intensifies

WASHINGTON — In the century or so since Congress first assigned the Secret Service the task of protecting the president, its top job has always gone to an agency veteran.

Like so many things in the Trump era, that may soon change.

Aides to President Donald Trump are narrowing a list of candidates to lead the Secret Service.

No clear front-runner has emerged. But top aides have been looking at candidates inside and outside the agency who can improve its morale and regain the credibility lost after a string of embarrassing lapses. They hope to name a new director in the coming weeks.

The search has taken on new urgency in recent days, as a series of attempted intrusions on the White House grounds have reignited concerns about management, training and security vulnerabilities thought to be on the mend.

The agency has been without a permanent leader since early this month, when its director, Joseph P. Clancy, stepped down to allow Trump to shape it as he saw fit.

—Nicholas Fandos, *The New York Times*

Tillerson calls on allies to do more in fight against ISIS

WASHINGTON — Secretary of State Rex W. Tillerson told an international conference here that considerable progress had been made against the Islamic State but much remained to be done — and other countries needed to contribute more to the effort.

Tillerson noted that about 75 percent of the military campaign against the Islamic State in Syria and Iraq had been undertaken by the United States. He said 25 percent of the investment in humanitarian and rebuilding efforts came from the United States, as well.

Wednesday's gathering was the first time Tillerson had hosted a major multilateral meeting as secretary of state, and most of his speech and its claims of progress against the Islamic State were similar to those of his predecessor, John Kerry.

Tillerson made clear that the United States intends to continue its policy of training proxies to do much of the fighting on the ground against the Islamic State. He said the United States appreciated the work of the United Nations in stabilizing areas newly liberated from the militants, and he said local governments would be responsible for providing services and improving the lives of returnees once that stabilization occurs.

—Gardiner Harris, *The New York Times*

China invests in sensitive U.S. startups, worrying the Pentagon

HONG KONG — Chinese firms have become significant investors in U.S. startups working on cutting-edge technologies with potential military applications. The startups include companies that make rocket engines for spacecraft, sensors for autonomous navy ships, and printers that make flexible screens that could be used in fighter-plane cockpits. Many of the Chinese firms are owned by state-owned companies or have connections to Chinese leaders.

The deals are ringing alarm bells in Washington. According to a new white paper commissioned by the Department of Defense, Beijing is encouraging Chinese companies with close government ties to invest in U.S. startups specializing in critical technologies like artificial intelligence and robots to advance China's military capacity as well as its economy.

The Chinese deals can pose a number of issues. Investors could push startups to strike partnerships or make licensing or hiring decisions that could expose intellectual property. They can also get an inside glimpse of how technology is being developed and could have access to a startup's offices or computers.

—Paul Mozur and Jane Perlez, *The New York Times*

Attack leaves 5 dead and 40 injured in London

By Katrin Bennhold and Stephen Castle

THE NEW YORK TIMES

LONDON — A knife-wielding assailant driving a sport utility vehicle mowed down panicked pedestrians and stabbed a police officer outside Parliament on Wednesday in a deadly assault, prompting the hasty evacuation of the prime minister and punctuating the threat of terrorism in Europe.

At least five people, including the assailant, were killed and 40 others injured in the confusing swirl of violence, which the police said they assumed had been "inspired by international terrorism." It appeared to be the most serious such assault in London since the deadly subway bombings more than a decade ago.

Throughout a turbulent afternoon, ambulances, emergency vehicles and heavily armed security officers thronged the area outside Parliament, as one of the busiest sections of London was cordoned off and evacuated.

Prime Minister Theresa May was rushed into a vehicle and spirited back to her office. She held a meeting of the government's emergency committee and issued a statement on Wednesday night from her 10 Downing St residence denouncing "the sick and depraved terrorist attack on the streets of our Capital this afternoon."

May also said that "the full details of exactly what happened are still emerging," but she confirmed that the attack had been carried out by a lone male assailant. As of late Wednesday, his identity had not been released, but Scotland Yard officials said they believed they knew who he was.

The attack unfolded around 2:40 p.m., Assistant Commissioner Mark Rowley said at a news conference.

Driving a large sport utility vehicle, the assailant slammed into pedestrians on Westminster Bridge near Parliament, killing two people and injuring 40 others, before crashing into a railing. A third person injured on the bridge later died at a hospital.

After the crash, the driver left the vehicle and approached Parliament, where he stabbed an armed police officer to death and was fatally shot by the police.

The attack came on the anniversary of suicide bombings in Brussels that killed 32 people, along with three bombers.

May, who spoke with President François Hollande of France and President Donald Trump, said in her statement that Parliament would meet as normal on Thursday. She vowed to never permit "the voices of hate and evil to drive us apart."

For more than two hours, astonished lawmakers inside the House of Commons, some of whom had ducked for cover, were told to stay in place as officers searched the premises, office by office.

Britain has not suffered a large-scale terrorist attack since July 7, 2005, when bomb attacks on subway trains and on a bus killed more than 50 people. Political violence is relatively rare in Britain, where gun ownership is seriously restricted.

Pharmacy owner not guilty of murder after meningitis outbreak

By Katharine Q. Seelye and Jess Bidgood

THE NEW YORK TIMES

BOSTON — The owner of a compounding pharmacy blamed for a meningitis outbreak in 2012 that killed more than 60 people and sickened 700 others was convicted Wednesday of racketeering charges but acquitted of 25 counts of second-degree murder.

Barry J. Cadden, who was the owner and head pharmacist at the New England Compounding Center, which operated out of a squat building in Framingham, Massachusetts, had been indicted on nearly 100 counts for his role in the outbreak, which investigators said was caused by steroid injections tainted with fungus.

The meningitis outbreak was one of the worst public health crises in the nation's history. As people across the country began to report serious

illnesses and deaths, officials from the federal Centers for Disease Control and Prevention traced the contaminated drugs to the New England Compounding Center.

"Barry Cadden put profits over patients," acting U.S. Attorney William D. Weinreb said, adding that justice had been done even though he was not convicted of murder.

"This trial revealed that, among other things, Mr. Cadden participated in a massive fraud in which NECC masqueraded as a pharmacy when it was in fact manufacturing drugs," Weinreb said. "As a result of that, he managed to escape FDA oversight of his actions and 65 people died. Hundreds of others were injured."

Each of the 52 mail fraud counts of which Cadden was convicted carries a maximum sentence of 20 years in prison.

The outbreak occurred at a time of rising concern over the quality of compounded drugs and the uncer-

tain provenance of their ingredients, some of which originate in China and flow through various re-packagers and middlemen with little scrutiny.

Officials looking into the New England Compounding Center case said investigators had found dirty mats and hoods, a leaky boiler, dark debris floating in vials of medicine and evidence that the laboratory was not leaving enough time to properly sterilize some products. They also said that a supposedly clean room at the facility was infested with bugs and mice.

Prosecutors said that Cadden had been told that the drugs could have been contaminated but that he recklessly disregarded industry regulations in pursuit of higher profits.

The defense argued that prosecutors had failed to show exactly how the drugs had been contaminated and failed to specify any role that Cadden might have played in the deaths.

WEATHER

Spring Break != Spring Weather

By Lily Dove

STAFF METEOROLOGIST

Although Monday marked the official First Day of Spring, the Northeast appears to have a different idea about what that means than the rest of us. Get all the sun you need today because this weekend is going to be perpetually overcast with some rain and snow. If you're getting out of town for the break, try to bring some spring-like weather with you when you come back! For

those staying in Beantown for the week, you can expect temperatures around 40°F (5°C) during the day and relatively low wind speeds.

This day in weather history: between March 20–23, 1913, a series of tornadoes swept through the Great Plains, destroying millions of dollars worth of property and resulting in over 250 fatalities. The most destructive of the storms, known as the Easter Sunday tornado, hit Omaha, Nebraska 104 years ago to this day.

Extended Forecast

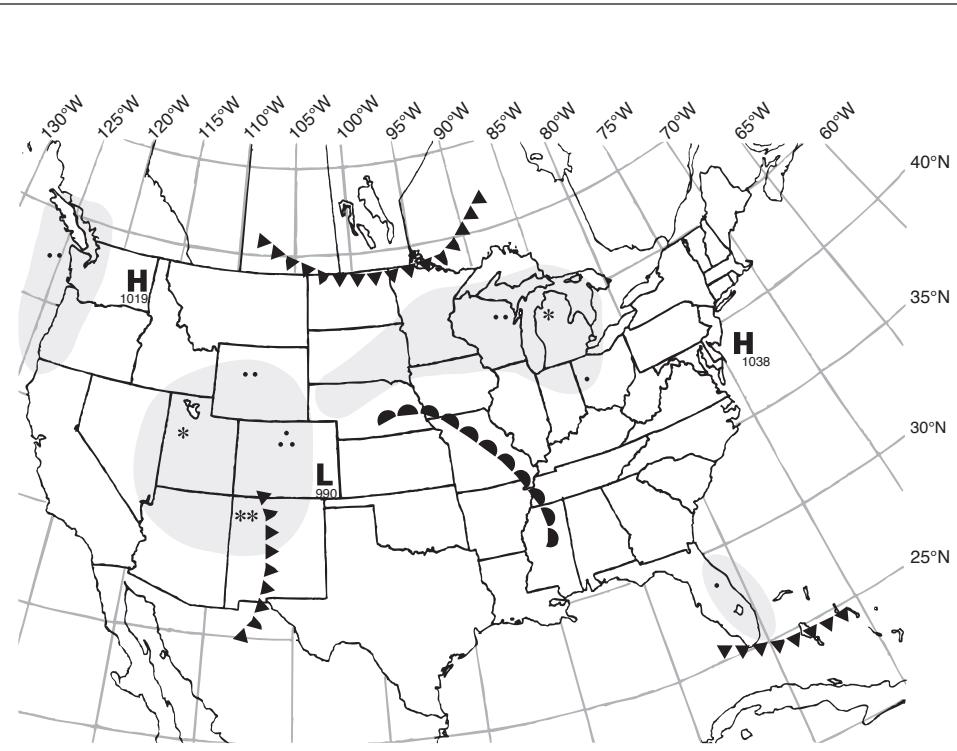
Today: Clear skies. High 34°F (0°C). Winds 10-15 mph from the Northwest.

Tonight: Clear skies. Low 27°F (-3°C). Winds 5 mph from the South.

Tomorrow: Chance of rain throughout the day, overcast overnight. High 42°F (6°C), low 39°F (4°C). Winds 10-20 mph from the Southwest.

Saturday: Mostly cloudy with a chance of afternoon rain. High 48°F (9°C), low 33°F (0°C). Low winds from the North.

Sunday: Overcast with possible rain/snow mix in the afternoon. High 37°F (2°C), low 34°F (1°C). Winds about 10 mph from the East.



Situation for Noon Eastern Time, Thursday, March 23, 2017

Weather Systems	Weather Fronts	Precipitation Symbols	Other Symbols
H High Pressure	- - - Trough	Snow Rain	Fog
L Low Pressure	— Warm Front	Shower ▽ △	Thunderstorm T
§ Hurricane	▲▲▲ Cold Front	Light *	Haze ○○○
	△△△ Stationary Front	Moderate ** ..	
		Heavy *** ::	

Compiled by MIT Meteorology Staff and *The Tech*

THURSDAY, MARCH 23, 2017

Gorsuch endures third day of confirmation hearing

By Adam Liptak, Charlie Savage, Matt Flegenheimer, and Carl Hulse

THE NEW YORK TIMES

WASHINGTON — In his final day of questioning at his Supreme Court confirmation hearings, Judge Neil M. Gorsuch continued to answer with practiced generalities on Wednesday, frustrating Democrats who seemed unable to rattle him or pin him down.

"You have been very much able to avoid any specificity like no one I have seen before," said Sen. Dianne Feinstein, the ranking Democrat on the Senate Judiciary Committee. "And maybe that's a virtue, I don't know. But for us on this side, knowing where you stand on major questions of the day is really important to a vote."

Sen. Richard J. Durbin, D-Ill., said he was searching to find "a beating heart and an independent streak" behind Gorsuch's testimony.

After trying in a span of 20 hours over two days, Democrats were not able to move Gorsuch off script.

Instead, interest in the hearing seemed to wane, and many in the Capitol came to view a confirmation as inevitable.

Gorsuch managed to endure as much by what he did not say as by what he did.

Most Supreme Court nominees are fairly reticent, but Democrats said Gorsuch outdid the last two Republican appointees, Chief Justice John G. Roberts Jr. and Justice Samuel A. Alito Jr. They gave their views on seminal Supreme Court decisions, said Sen. Patrick Leahy, D-Vt.

Leahy pushed Gorsuch to say whether a president has constitutional powers to lawfully override torture and wiretap statutes. Gorsuch said he would approach such a case using analysis set out when President Harry S. Truman tried to seize steel mills.

The nominee would not discuss whether Trump's business dealings with foreign governments might run afoul of the Emoluments Clause, an obscure constitutional provision that the judge said "has sat in a rather dusty corner" until recently.

The Supreme Court gave Senate Democrats a small gift on Wednesday, issuing a unanimous decision in a case on students with disabilities that rejected the approach Gorsuch had taken in a different case.

The relationship between the two decisions was indirect, and Gorsuch said he had merely followed precedent. But Democrats welcomed the opportunity to elicit answers from Gorsuch about a specific Supreme Court decision, and they returned to the topic repeatedly.

At other points, senators probed Gorsuch's general judicial philosophy, notably his commitment to originalism, which tries to interpret the Constitution consistently with the understanding of those who drafted and adopted it.

Gorsuch defended his originalist judicial philosophy, assuring skeptics that "no one is looking to return us to the horse-and-buggy days."

Byron White's Supreme Court hearing took only 90 minutes. Gorsuch's is in its third day.

U.S. airlifts hundreds of militia fighters in attack to cut off Raqqa

By Michael R. Gordon and Anne Barnard

THE NEW YORK TIMES

WASHINGTON — Hundreds of Syrian fighters and their U.S. military advisers, backed by U.S. artillery and attack helicopters, have begun a major operation to cut off the western approaches to Raqqa, the city the Islamic State has proclaimed as its capital, officials said Wednesday.

It was the first time that the United States has carried out an air assault in Syria in its campaign against the Islamic State, and the attack, which began Tuesday, reflected the leeway the Trump administration has given its commanders to carry out operations without prolonged review in Washington.

In a significant commitment of U.S. forces, U.S. helicopters ferried fighters across enemy lines while Marine Corps howitzers, Army Apache attack helicopters and American warplanes provided firepower for the operation. Army surface-to-surface HIMARS rockets, which are based in northern Syria, are also part of the

mission. U.S. Special Operations forces were advising the Syrian fighters on the ground, although a military spokesman said they were not involved in direct, front-line combat.

The mission represented a new stage in the broader offensive to cut off and seize Raqqa. Its objective was to take control of the Tabqa Dam on the Euphrates River near Lake Assad, the nearby town of Tabqa and a local airfield. An immediate goal was to take the dam intact, but the structure was still under the control of the Islamic State, also known as ISIS or ISIL, and officials said that the fighting was intense.

As the operation unfolded, Syrian state television and local residents asserted that at least 30 Syrian civilians were killed in an airstrike that hit a school where they had taken shelter in a rural area of Raqqa province on Tuesday. U.S. military officials acknowledged that the United States had been carrying out airstrikes in the area. These officials said they could not confirm the reports of civilian casualties, but would investigate.

As the battle for Raqqa has accelerated, the number of airstrikes has climbed. Col. Joseph E. Scrocca, a spokesman for the U.S.-led command in Baghdad, said that over the past four months the U.S.-led coalition had conducted more than 300 such strikes around Tabqa and west of Raqqa, and that enemy fighters, fortifications and vehicles had been targeted.

Important details of the operation, including how many Syrian fighters and U.S. advisers were involved, were not disclosed. News reports suggested 500 Syrian fighters had been deployed, but U.S. officials hinted it could be much more.

U.S. artillery and attack helicopters have not previously been employed in Syria. With this Tabqa operation, the U.S. strategy in Syria has come to resemble the operation to retake Mosul, Iraq's second largest city, where conventional U.S. military forces have been combined with the use of advisers to support local forces who are doing the main fighting on the ground.

AT&T pulls ads from YouTube amid hate speech concerns

By Sapna Maheshwari and Daisuke Wakabayashi

THE NEW YORK TIMES

AT&T, among the biggest advertisers in the United States, was one of several companies to say Wednesday that it would stop its ads from running on YouTube and other Google properties amid concern that Google is not doing enough to prevent brands from appearing next to offensive material, like hate speech.

AT&T made the move, which did not extend to Google's search ads, amid boycotts of YouTube by several European advertisers that began in the last week, and it was announced a day after Google outlined steps it would take to stop ads from running next to "hateful, offensive and derogatory content" on YouTube and websites in its display network. While Google pledged to improve, brands wanted to hear there would

be zero risk that their ads would appear near content promoting things like hate speech and terrorism, said Brian Wieser, a media industry analyst at Pivotal Research.

The company has defended itself by noting that it prevents ads, which are placed on websites automatically, from running near inappropriate material "in the vast majority of cases." It also said it added thousands of sites to its ad network every day, as well as 400 hours of video to YouTube every minute.

Still, several advertisers, seeking more accountability, have pulled some of their ad spending. They include the British government, The Guardian, the pharmaceutical company GSK and the French advertising multinational Havas.

Now, the issue is taking hold with American advertisers, with the car rental company Enterprise announcing a temporary halt of spending on YouTube on Wednesday.

Verizon, while it did not mention Google or YouTube by name, said Wednesday that it would suspend "all digital nonsearch advertising inventory" after learning its ads "were appearing on nonsanctioned websites," which presumably included ads on YouTube and websites in Google's ad network.

While the pullback from major brands is a public relations blow, it is unclear if it will have much of an effect on that vast ad business. The underlying dynamic of advertising's shift from TV toward the internet remains unchanged, and YouTube is still the largest player in the web video game.

Still, AT&T was one of the top five advertisers in the United States last year, spending nearly \$1 billion through November, according to data from Kantar Media. Wieser said its size would certainly cause other marketers, and investors, to take note.

Hunt for Joseph Kony, no longer seen as a threat, may shrink

BANGUI, Central African Republic — The Defense Department is poised to significantly scale back a decade-long mission to capture or kill Joseph Kony, one of Africa's most notorious warlords, in a sign that the United States and its African allies no longer see him as a regional threat.

Kony's violent guerrilla group, the Lord's Resistance Army, is notorious for its use of child soldiers but has also carried out massacres, sexual violence, mutilations, pillage and abductions.

The Pentagon's Africa Command wants to shift from a counter-insurgency operation against the LRA to building African defense institutions and a more narrow pursuit of Kony, whose fighting force has dwindled to about 100 soldiers from a peak of 3,000.

In 2005, the International Criminal Court issued an arrest warrant for Kony, a self-proclaimed prophet, for crimes against humanity and war crimes. In 2008, the U.S. government declared him a "specially designated global terrorist."

Yet, Kony, who is believed to be in his 50s, has avoided capture for three decades. His troops operate in small groups spread throughout 115,000 square miles of lawless territory in the border region of Central African Republic, South Sudan, Sudan and the Democratic Republic of Congo.

—Zack Baddor and Eric Schmitt, *The New York Times*

Leaders' appeals fail to sway House foes of health care bill

WASHINGTON — A small but potentially pivotal group of House conservatives were largely unmoved Wednesday by appeals from Vice President Mike Pence and House Republican leaders to support a bill to repeal and replace the Affordable Care Act, leaving it unclear whether President Donald Trump and the Republican Congress could fulfill one of their central campaign promises.

House Speaker Paul D. Ryan has expressed confidence that the House will pass the bill, scheduled for a vote on the House floor on Thursday. But on the eve of the crucial vote, party leaders appeared to be short of a majority and were working into the night to whip their members into line.

About two dozen conservative Republicans, including members of the Freedom Caucus, met Wednesday at the White House with top administration officials, including Pence and Kellyanne Conway, a senior adviser to Trump.

The lawmakers said the bill, drafted by House Republican leaders, did not do enough to lower health insurance costs by reducing federal insurance regulations, including standards that define the minimum benefits that must be provided.

"I don't think they changed any minds," said Rep. Randy Weber, R-Texas.

The tenacity and persistence of the conservatives appeared to give them outsize influence as Ryan struggled to round up votes for the repeal bill, which faces solid opposition from House Democrats.

—Robert Pear and Thomas Kaplan, *The New York Times*

Tomb of Jesus reopens to public after \$3 million restoration

Thousands of Christian pilgrims and members of the clergy gathered at a modest shrine in Jerusalem's Old City on Wednesday to celebrate the completion of a monthslong effort, hundreds of years in the making: the restoration and repair of Jesus' tomb.

The shrine, known as the edicule and in danger of collapse, had been propped up by an unsightly iron cage since the 19th century. Constructed by Roman emperor Constantine I in the fourth century, the shrine covers the cave in which, the faithful believe, Jesus was buried before his resurrection.

The edifice, contained in the Church of the Holy Sepulcher, is one of the faith's holiest sites. It was worn down by centuries of water damage, fire, candle smoke, humidity, bird droppings, human visitors and disputes among feuding denominations, which were previously unable to agree on plans to fix the shrine.

The Greek Orthodox, Armenian Orthodox and Roman Catholic denominations share custody of the church. The tomb was last restored in 1810 after a fire, but the religious custodians were compelled last year to make repairs after Israeli authorities deemed the building unsafe.

The restoration cost more than \$3 million, financed mostly by a donation from the World Monuments Fund, a U.S. nonprofit group. Other funding came from the three denominations and a personal donation from King Abdullah II of Jordan.

—Russell Goldman, *The New York Times*

President Erdogan of Turkey threatens safety of Europeans

KASTAMONU, Turkey — President Recep Tayyip Erdogan of Turkey warned Europeans on Wednesday that they would no longer be able to walk safely in the street if Western politicians continued with perceived provocations against Turkish leaders.

Erdogan's comments were a response to restrictions placed on his surrogates in European countries including Germany and the Netherlands, where they have been barred from holding political rallies in support of a referendum in which Turks will decide whether to expand their president's powers.

"If you go on behaving like that, tomorrow nowhere in the world, none of the Europeans, Westerners will be able to walk in the streets in peace, safely," Erdogan said at a meeting in Ankara, the capital.

In Germany alone, 1.4 million residents have the right to vote in the referendum on April 16. Amid fears he might lose, Erdogan and his allies have issued near-daily diatribes against European countries, a tactic that they hope will play well among swing voters. In previous days, he has frequently accused German and Dutch politicians of Nazism. He has also suggested that he might scrap the accord that restricted the passage of migrants through Turkey and send a new wave of migrants to Europe.

—Patrick Kingsley, *The New York Times*

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The Tech (ISSN 0148-9607) is published on Thursdays during the academic year (except during MIT vacations) and monthly during the summer by The Tech, Room W20-483, 84 Massachusetts Avenue, Cambridge, Mass. 02139. Subscriptions are \$50.00 per year (third class). POSTMASTER: Please send all address changes to our mailing address: The Tech, P.O. Box 397029, Cambridge, Mass. 02139-7029. TELEPHONE: Editorial: (617) 253-1541. Business: (617) 258-8324. Facsimile: (617) 258-8226. Advertising, subscription, and typesetting rates available. Entire contents © 2017 The Tech. Printed by Turley Publications, Inc.

LETTER TO THE EDITOR

Murray, Middlebury, and MIT

Many, if not most, in the MIT community have likely become familiar with the recent incident at Middlebury College. American Enterprise Institute fellow Charles Murray, recipient of a 1974 MIT PhD in political science, was largely prevented from presenting a talk at the Vermont College by what his host later termed an "angry mob." That angry mob was more than just loud; it became physical as well, and inflicted a concussion on Murray's host (Middlebury professor of international politics and economics Allison Stanger) during a melee after the event.

That this was an assault on free speech by Dr. Murray's critics — some of whom, Professor Stanger notes, acted "without ever having read anything he has written" — cannot reasonably be doubted. "Faulty information became the catalyst for shutting off the free exchange of ideas at Middlebury," she writes. This assault, and the use of this faulty information, have then predictably become grist for the political grudge mills. They offer supposed proof of a caricature of intolerant elitist college-educated liberal snowflakes.

I wonder if MIT — which might assume, as you wish, either some credit or some responsibility for Dr. Murray — could better show how issues such as those he represents might be addressed?

Is there a left or liberal-leaning group at MIT that might extend a speaking invitation to Dr. Murray to address the topics he was unable to effectively cover at Middlebury? Let it be a group that is not naturally aligned with Dr. Murray's presumed political leanings, to best demonstrate the intellectual desire to consider opposing viewpoints.

And if such a group be found, can MIT provide a secure but reasonably open forum for actual scholarly discussion of Dr. Murray's presentation? Without a doubt, MIT can provide the minds sufficiently sharp to thoroughly (and fairly) examine and critique Dr. Murray's data, analysis and conclusions.

Jim Vlcek '83



CORRECTIONS

An article last week on the Disobedience Award mistook the date of the Media Lab's Forbidden Research conference. The conference took place last year in July, not April.

OPINION POLICY

Editorials are the official opinion of *The Tech*. They are written by the Editorial Board, which consists of Editor in Chief Vivian Zhong, Executive Editor Emma Bingham, and Opinion Editor Steven Truong.

Dissents are the signed opinions of editorial board members choosing to publish their disagreement with the editorial.

Letters to the editor, columns, and editorial cartoons are written by individuals and represent the opinion of the author, not necessarily that of the newspaper. Electronic submissions are encouraged and should be sent to letters@tech.mit.edu. Hard copy submissions should be addressed to *The Tech*, P.O. Box 397029, Cambridge, Mass. 02139-7029, or sent by interdepartmental mail to Room W20-483. All submissions are due by 4:30 p.m. two days before the date of publication.

Letters, columns, and cartoons must bear the authors' signatures, addresses, and phone numbers. Unsigned letters will not be accepted. *The Tech* reserves the right to edit or condense letters; shorter letters will be given higher priority.

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We value education, and we live in one of the best school districts in the world. We hope that our child will be gifted, as each of us is, and that he/she will have a positive impact on the world.

CAMPUS LIFE CAMPUS LIFE



Azra Aksamija, Associate Professor in the MIT Program in Art, Culture, and Technology.

TECH TRANSFERS

Azra Aksamija

Immigrant members of the MIT community

I come from Sarajevo, Bosnia, a place historically known as the Jerusalem of Europe. I grew up in an environment where many different cultures and religions co-existed for centuries. That history, but also the systematic targeting of our culture during the 1990s war, informed my life and my work. The war taught me about the power of culture, and the experience of migration taught me to feel at home in many places.

Through teaching art at MIT, I work with students to reimagine a future in which culture and heritage of different

societies are not perceived as a threat but as an opportunity for mutual learning. Linking art, culture, and technology offers a framework to grow the positive aspects of human interdependence in the face of global problems that are affecting communities across borders.

Azra Aksamija is an Associate Professor in the MIT Program in Art, Culture, and Technology.

Editor's note: Tech Transfers is a photo series by Professor Daniel Jackson that features immigrant members of MIT.

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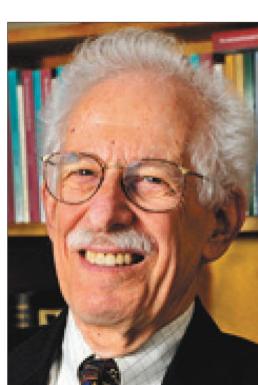
Peter Temin

The Vanishing Middle Class: Prejudice and Power in a Dual Economy

Tuesday, March 28, 5:30 pm

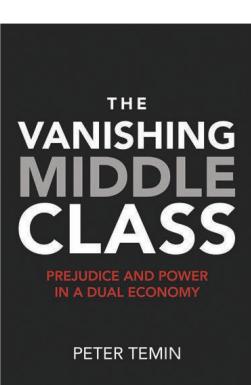
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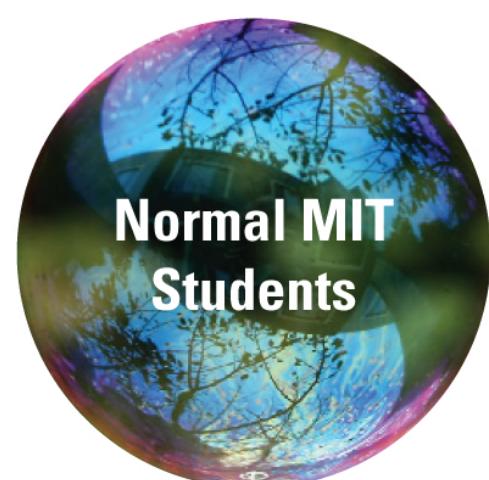
The MIT Press Bookstore presents Peter Temin, Professor of Economics Emeritus at MIT and author of *The Vanishing Middle Class: Prejudice and Power in a Dual Economy* (MIT Press, 2017) at 5:30 pm on Tuesday, March 28, at the Bookstore.

In *The Vanishing Middle Class*, Peter Temin argues that American history and politics, particularly slavery and its aftermath, play an important part in the widening gap between rich and poor and outlines ways to work toward greater equality so that America will no longer have one economy for the rich and one for the poor.



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Bookstore

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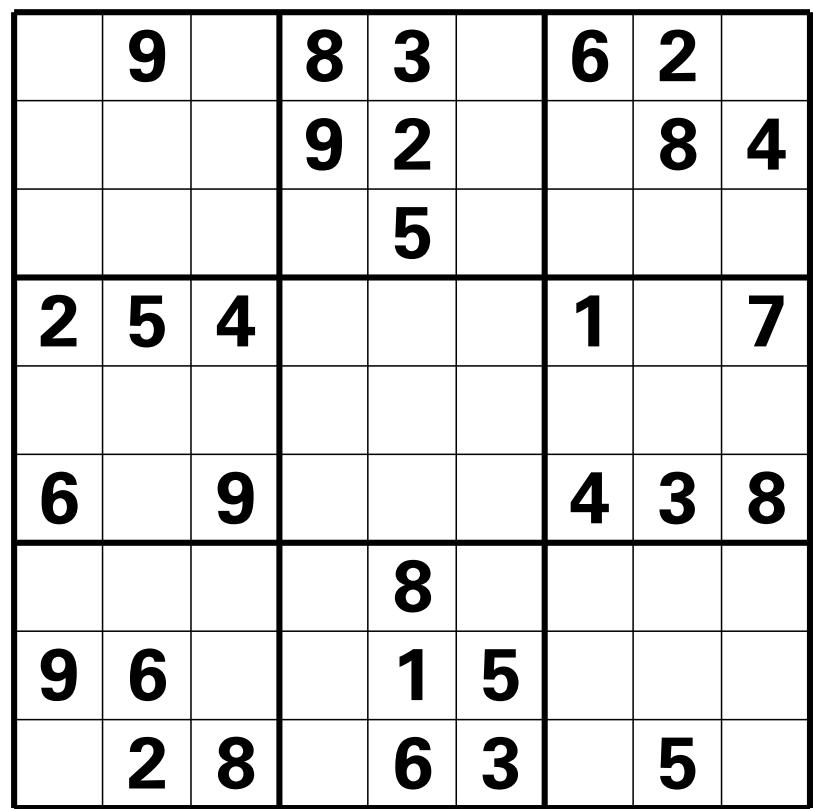
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Spring Break

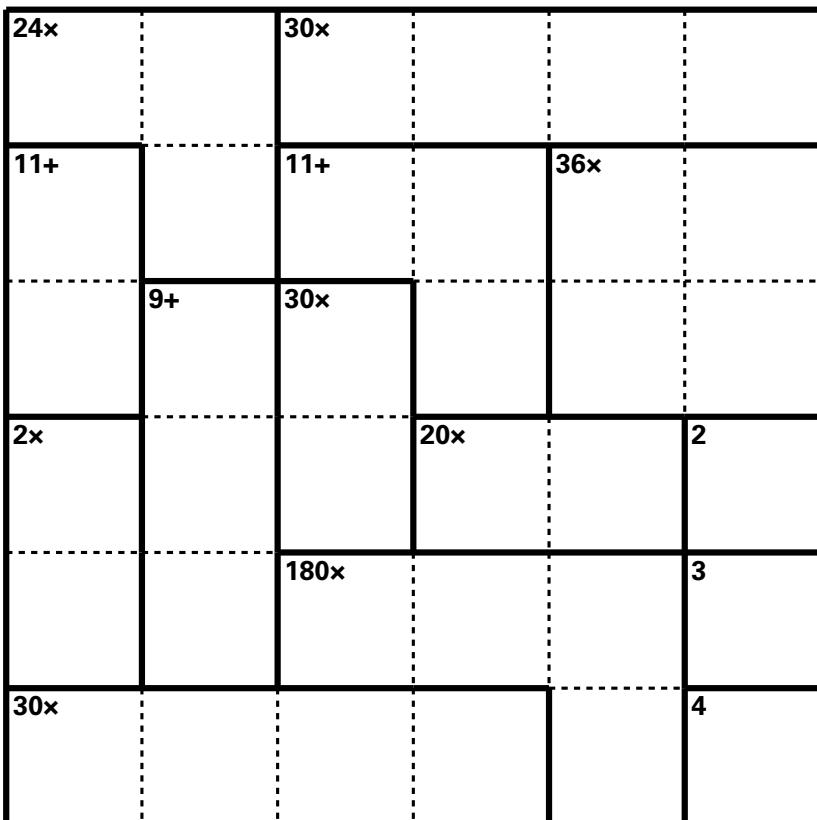
Solution, page 10



Instructions: Fill in the grid so that each column, row, and 3 by 3 grid contains exactly one of each of the digits 1 through 9.

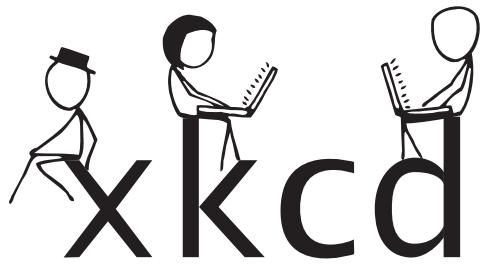
Mid-Semester

Solution, page 10



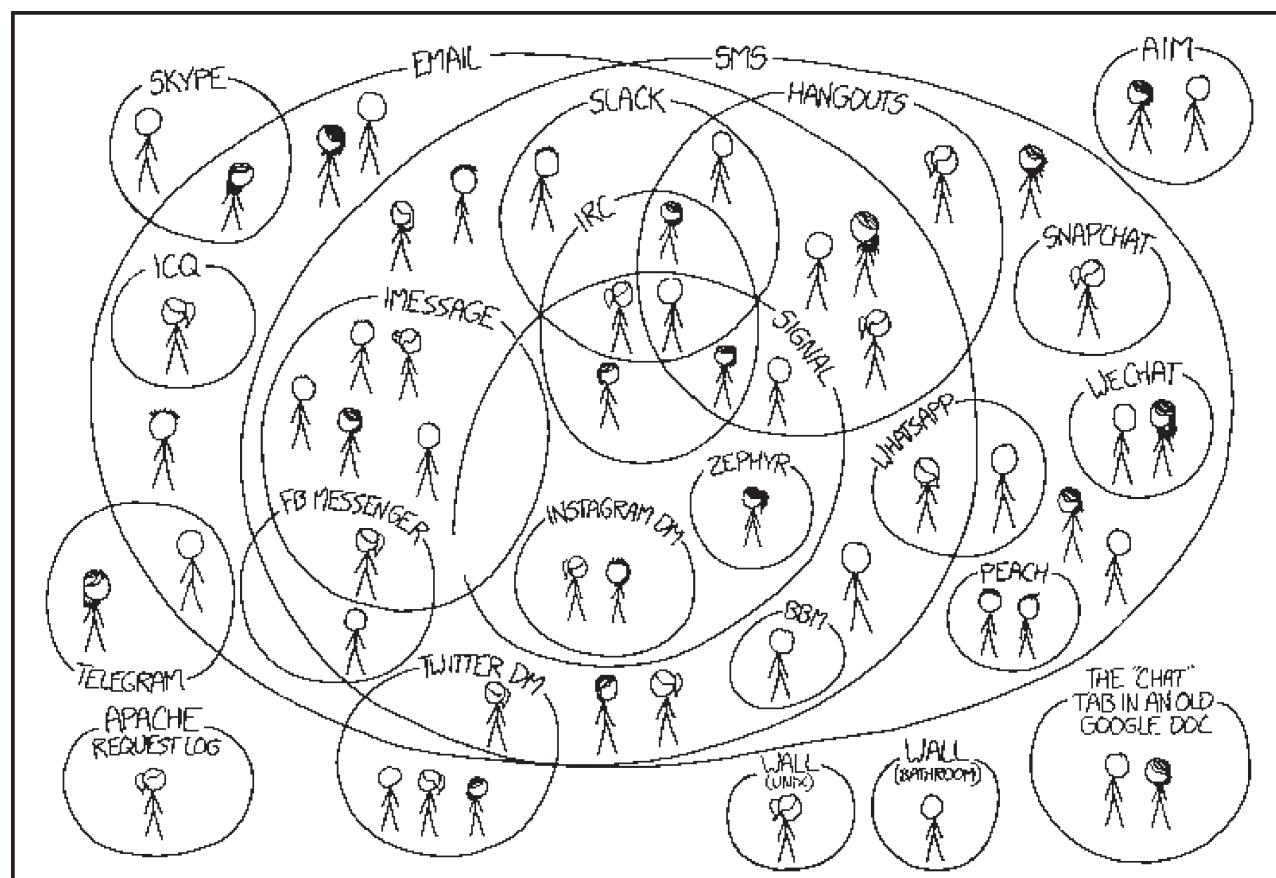
Instructions: Fill in the grid so that each column and row contains exactly one of each of the numbers 1–6. Follow the mathematical operations for each box.

[1810] Chat Systems



**A WEBCOMIC OF ROMANCE,
SARCASM, MATH, AND LANGUAGE**

by Randall Munroe



I HAVE A HARD TIME KEEPING TRACK OF WHICH CONTACTS USE WHICH CHAT SYSTEMS.

I'm one of the few Instagram users who connects solely through the Unix 'talk' gateway.

Ten of a Kind

by Stanley Newman

Solution, page 10

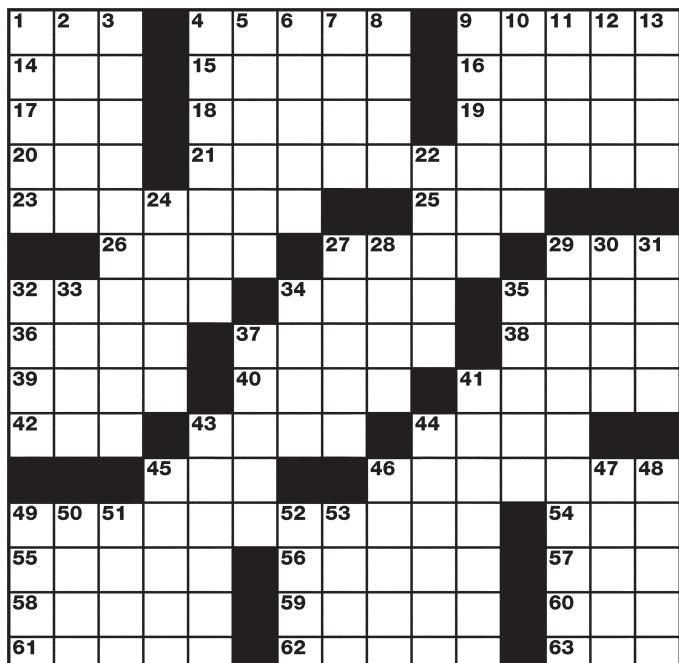
ACROSS

1 Ribs cookout, for short	41 Cry of distress
4 Computer malfunction	42 Go bad
9 2.2-pound measures, briefly	43 Morning TV host Lauer
14 __ de Cologne	44 Wide belt
15 Was the cause of	45 Surgeons' facilities: Abbr.
16 Reach in total	46 New Testament letter
17 __ Baba	49 Incandescent bulb, e.g.
18 Guy who writes jingles	54 Ram's remark
19 Reach in total	55 Fully prepared
20 Solidify	56 Enrage
21 Chivalrous rescuer	57 Psyche parts
23 Inspiration for Cats	58 Double-__ sword
25 After-tax	59 Mall tenant
26 Litter's smallest	60 Golf peg
27 Have the opinion	61 Lorna of literature
29 Weep audibly	62 Moderated, with "down"
32 Imitating	63 Final phase
34 See 27 Down	
35 In addition	
36 . . . Eighty Days world traveler	
37 Julius Caesar costumes	
38 Invoice	
39 Sore spot	

DOWN

1 Brute
2 Hay bundles
3 "Indeed!"
4 Scratching, as a cat
5 Wildly popular

- 6 Allow to enter
- 7 Datum, for short
- 8 Sharpen
- 9 Piece of corn
- 10 Employee's last words
- 11 Respiratory organ
- 12 Solemn vow
- 13 Mailbox opening
- 22 Parts of pants with patches
- 24 Fencing thrust
- 27 With 34 Across, boxing ring
- 28 Flight data: Abbr.
- 29 Tang of mild salsa
- 30 Scandinavian capital
- 31 Fearless
- 32 Many miles away
- 33 Slightly, on a music score
- 34 Chimney dust
- 35 Bottomless pit
- 37 "Here's to you," for one
- 41 Boss at a bistro
- 43 Dr. Jekyll alias
- 44 Shape of a globe
- 45 Poet Nash



46 Incite	50 Make over
47 Weighted down	51 Othello's foe
48 Slackened off	52 Ultimate
49 Raised, as livestock	53 Enthusiastic about

Concerns regarding design priorities voiced by student reps

New Dorm, from Page 1

firm for Simmons, everyone the current working group engaged with "acknowledged that the students on the committee knew the most about dorm life," Farris said.

The working group did not have a say on the budget for the new dorm, Weishaar said in an interview with *The Tech* prior to the Monday meeting.

In an email to the student interest mailing list for the design of the new dorm, Sadun wrote that it seemed unlikely that student representatives would be formally engaged during the development of the schematic design, to take place between now and May.

The architectural firms were selected from a roster of 23 local and national firms and evaluated

based on factors such as design approach and philosophy and experience with sustainability. Five firms, including Perkins & Will, the firm contracted for the pre-design phase, were invited to interview with the Office of Campus Planning.

"This stage of the design phase just started," Nelson wrote, "and we will look to a number of stakeholders, including students, to give input."

Sadun voiced concerns that none of the priorities conveyed to the working group at the Monday meeting explicitly expressed the objective of making the new dorm "a good place for students to live in." The dorm design process was "going reasonably well," he concluded, "but heading in troublesome directions."

News should be _____.



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Solution to Ten of a Kind

from page 9

B	B	Q	C	R	A	S	H	K	I	L	O	S
E	A	U	L	E	D	T	O	E	Q	U	A	L
A	L	I	A	D	M	A	N	R	U	N	T	O
S	E	T	W	H	I	T	E	K	N	I	G	H
T	S	E	L	I	O	T	N	E	T	N	E	T
R	U	N	T	F	E	E	L	S	O	B	S	O
A	P	I	N	G	S	I	T	E	A	L	S	O
F	O	G	T	O	G	A	S	B	I	L	L	I
A	C	H	E	O	O	H	S	M	Y	G	O	D
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R	E	D	Y	A	N	G	E	R	I	D	S	S
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Solution to Spring Break

from page 9

4	9	1	8	3	7	6	2	5
5	7	6	9	2	1	3	8	4
8	3	2	6	5	4	9	7	1
2	5	4	3	9	8	1	6	7
7	8	3	1	4	6	5	9	2
6	1	9	5	7	2	4	3	8
3	4	5	7	8	9	2	1	6
9	6	7	2	1	5	8	4	3
1	2	8	4	6	3	7	5	9

Solution to Mid-Semester

from page 9

4	6	3	2	1	5
5	1	4	3	2	6
6	2	5	4	3	1
1	3	6	5	4	2
2	4	1	6	5	3
3	5	2	1	6	4

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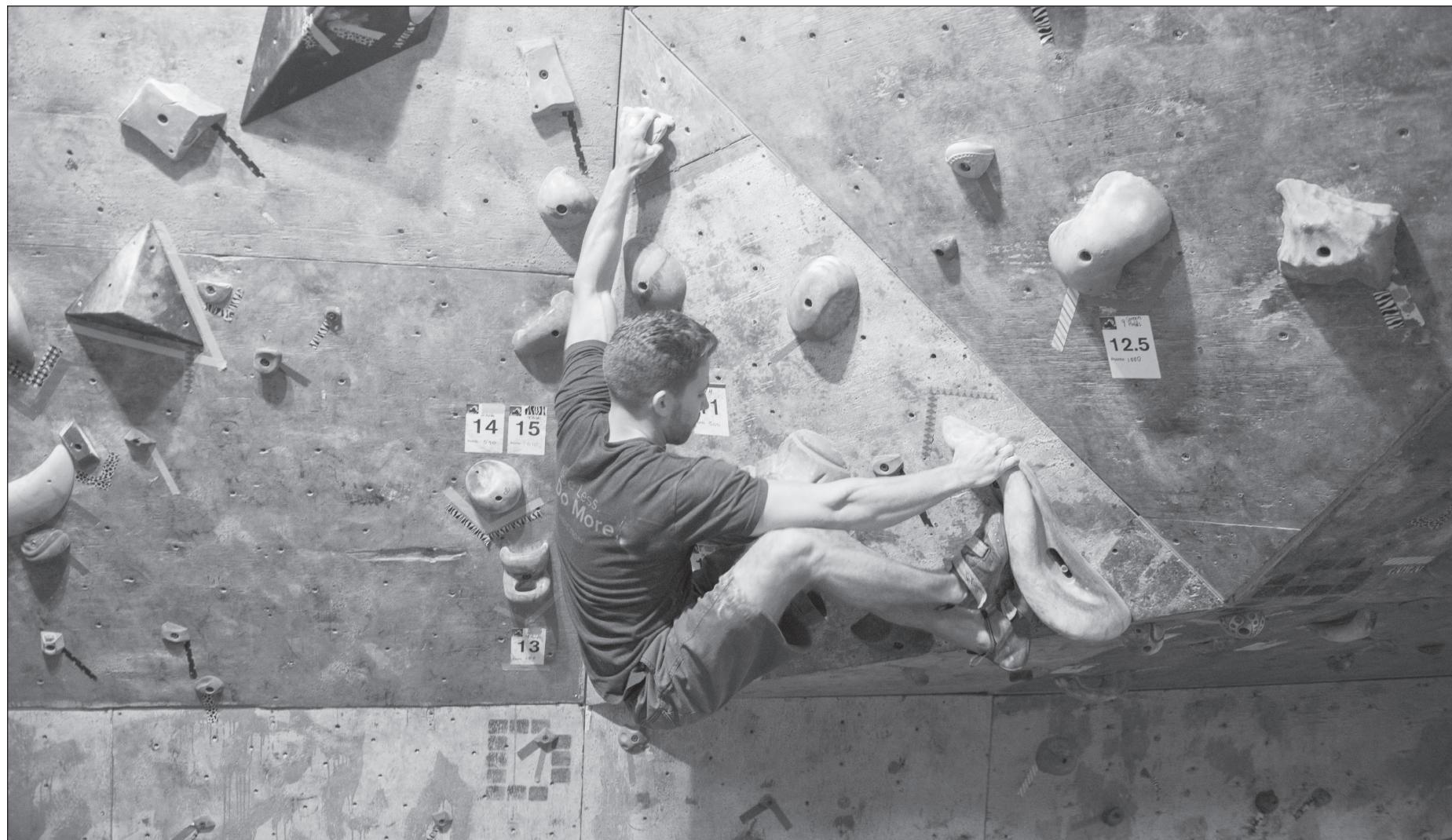
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DAMIAN BARABONOV—THE TECH

A competitor scales the climbing wall at SumMIT.

CLIMBING

Seventy-five compete at SumMIT over weekend

MIT Outing Club's annual bouldering competition returns to Walker climbing wall

By Catherine Yun
CLUB REPRESENTATIVE

This past weekend, the MIT Outing Club hosted SumMIT (Σ MIT), its annual bouldering competition, at the MIT climbing wall in Walker Memorial. There were 75 competitors across the recreational, intermediate, and advanced men's and women's divisions. The competition was run in a red point format, where competitors climbed for two hours and were ranked based on the cumulative points of their top four climbs.

Since 2013, this annual climbing competition has been held off-campus at local climbing gyms. This year, the climbing wall manager and head competition organizer, Tony Zhu G, worked hard to bring the competition back home to our cozy climbing wall in Walker Memorial. Aakash Ravi G and Cathie Yun G also helped organize and run the event. To get the wall in competition-ready state, they lead an effort to replace old t-nuts, remove and clean all holds, patch holes, and buy new volumes and holds. The organizers, along with

Arnaud Gutierrez and other setters from the MIT and local climbing communities, set 57 bouldering problems in the MIT climbing wall ranging from V0 to V9 in the week before the competition. The problems spanned all styles, including delicate slab, overhung dynos, crack climbing, and bat hangs.

Avilash Cramer G, a member of the MIT climbing team, won first place in the advanced men's category and overall. Liane Bernstein G won the advanced women's category, Aurelien Mordret G won the intermediate men's category,

Sherry Chu G won the intermediate women's category, Harry Bleyan '17 won the recreational men's category, and Jenny Schloss G won the recreational women's category. Prizes such as rope bags and crash pads, from CAMP and other sponsors, were awarded to the top three competitors in each category.

Adriana Jacobsen '20, who won second place in the advanced women's category and is a member of the MIT climbing team, said that "the best part was getting to meet other MIT-affiliated strong female climbers. It was a great opportunity

to climb together, give climbing advice, and exchange contact info so we could train together in the future." Avilash, the overall competition winner, remarked: "The setters did an amazing job. The variety of routes - crimp and technical, large dynamic moves, or just straight up weird and awkward - was cool to see, especially in such a small space. MIT has a really vibrant climbing community, and it was great to see everyone come out and climb together for a weekend."

Catherine Yun is a graduate student in CSAIL.

Want to see these teams battle it out in person?

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SPORTS

SWIMMING-AND-DIVING

MIT swim and dive team breaks 12 NEWMAC records at NCAA Division III Championships

The women's team finished fifth place, marking their highest finish in team history

By Yida Wang
TEAM REPRESENTATIVE

The MIT Swim and Dive Men's and Women's teams finished eighth and fifth respectively at the 2017 NCAA Division III Swimming and Diving National Championships held in Shenandoah, Texas last week, with the women's team finishing in the highest place ever in program history.

On day one, Vivian Zhou '20 finished fifth place on the three meter board. The women's 200 medley relay, with Jessica Chen '18, Catherine Wu '19, Nanette Wu '20, and Priscilla Wu '20, finished tenth overall with a new school record and

NEWMAC record. Bouke Edskes '20 set new school and NEWMAC records in his 200 individual medley, finishing fifth overall. Joshua Tomazin '18 placed eighth overall in the 50 free.

On the following day, the women's 200 free relay team, comprising Veronika Jedryka '17, Lilia Staszek '20, Chen, and Priscilla Wu, finished fifth place overall. Edskes returned to finish second in the 100 fly and Brandon McKenzie '19 finished eighth in the 400 individual medley.

On day three, Zhou returned to place third on the one meter boards. The women's 800 free relay finished seventh over-

all, with Jedryka, Mary Thielking '18, Addie Chambers '19, and Kathy Pan '20 swimming. Edskes continued his streak and finished second in the 200 fly, breaking the school record and NEWMAC record held by his teammate and last year's national champion, Dougie Kogut. The men's 800 free relay finished in sixth place, breaking the school and NEWMAC records, with John Matthews '17, Peter Crocker '20, David Morejon '20, and Dougie Kogut '18.

On the final day, the women's 400 free relay team, consisting of Jedryka, Chen, Kayla Holman '20, and Priscilla Wu, fin-

ished ninth overall, again with school and NEWMAC records. Gabe Schneider '20 finished fourth in the 200 back, also setting a new school record and a new NEWMAC record. The men's 400 free relay rounded out the meet, finishing in third place, with Jeremy Bogle '18, Tomazin, Kogut, and Edskes.

These stellar performances combined for an impressive meet, setting 12 new school records and 12 new NEWMAC records. Congratulations to the Engineers for an exceptional job and a successful end to a long season!

Yida Wang is a member of the class of 2019.



COACH FOCUS

Jen Williams talks team culture, a coach's life

By Souparno Ghosh
STAFF WRITER

In this second and final segment of 'Coach Focus,' softball head coach Jen Williams talks about efforts made by her coaching staff to build team culture, challenges faced by coaches at MIT, and how to evaluate success in a process-driven program.

The Tech: Team culture was a big part of the softball team's success in 2016. This is what starting pitcher Alexandra Marshall '16 had to say about culture.

"[It is] like I got your back and I am going to pull you through this game if you need. It is also knowing that the team has my back as well and that allows me to do well. We have such a great relationship on and off the field that if I don't come through on a day, nothing is going to happen. It is just a game in the end. We all support each other that way. When we play as a team, we play the best. Our coaches have developed this program so we can play together as a team and have fun together."

What was your role in making it happen?

Jen Williams: It is about trying to recruit players who buy into a family philosophy and a positive culture. Then you have to hold them accountable to being a productive member of that culture at all times. We the coaches provide the foundation and the continuity from year to year, and the players determine what structure they are going to

build from the foundation.

The Tech: In the field of education, people often argue over whether or not intelligence can be taught. In a similar vein, do you think team chemistry can be engineered or fostered?

Williams: A lot of [chemistry] is based on trust. Teammates have to decide to trust each other, and then continue to earn it from each other. You cannot make them do this, but as a facilitator you can put them in situations where trust can be developed. We have a positive and tight-knit culture because they make the time for each other.

We allow and encourage them to be vulnerable around each other. We have honest discussions about hard topics.

Then you set expectations where the team keeps investing in each other. We tell them during the offseason you have to make time to have meals together, for study groups, to reach out to each other, and make your teammates a priority.

The Tech: Given that the softball program is so process-driven, how do you evaluate success? How much of it is subjective?

Williams: When you are evaluating a process-based program, you cannot look at individual games. It is a constant process of how you can make the program better. If I am having the same type of discussions about focus or hustle at the begin of the year that I am having at the end of the year,

then that tells me there hasn't been as much evolution throughout the season. Part of it is definitely subjective. There are objective parts to it, but you have to put it in context.

For example, when we had double-digit wins in back-to-back seasons (2012 and 2013) for the first time [in nearly three decades], we won 19 games and had an Academic All-American on our roster for the first time in a while. Now compared to 2016 when we won more than 30 games, it is not objectively as successful but in context of the program at that time, that was a great season.

The Tech: What is the most challenging part of the job?

Williams: There are two things that I think are most challenging. One of them is recruiting. MIT can be intimidating for prospective student athletes. So giving them the assurance that MIT is full of real, normal people is important.

The other part of recruiting is our evolving relationship with the admissions office. I think we work well with them but compared to other schools that we compete against, our [recruiting] process is more restrictive.

The other challenging thing is helping students athletes navigate their MIT experience with self confidence intact. This is a difficult place to go to school. These are students who are used to being very good at what they do. So we need to guide them through their first real challenges both as

academics and as athletes, and the significant emotional impact that can result.

The Tech: What do you like most about MIT?

Williams: The people. The student athletes, assistants, support staff, administrators, and fellow coaches I interact with on a daily basis are great, and the student athletes themselves make every challenge faced worthwhile.

What I like most about MIT itself is its ability to offer a combination of unique things. MIT is going to offer a world class education and a championship-level Division III athletic experience. Being part of the vehicle that allows student-athletes to experience that is a privilege.

It is also a responsibility for me to impress upon the student-athletes how much it is a privilege for them to have access to this educational and athletic experience, and the responsibility they take on when they graduate from this institution. Particularly for women, I feel sometimes they live in little bit of a bubble here. We try to help them understand that going into the real world in STEM fields is going to be different than it is at MIT. We try to give them the tools and confidence to navigate that with integrity and a sense of empowerment.

The Tech: Thank you for taking the time to talk to us, and all the best for the upcoming season.

Williams: Thanks!

SPORTS BLITZ

Men's baseball (3-3) highlighted their first half of march with a blowout win in their only appearance of the season against Stevens Institute of Technology, shutting them out 14-0.

Men's basketball (21-7) fell to Eastern Connecticut State University in the first round of the NCAA Division III Tournament.

Men's volleyball (18-7) took a 12-match winning streak into March but lost back-to-back matchups to begin the month. The renewed their winning ways with a sweep of Penn State-Behrend.

Men's Tennis (7-0) remained invincible as they rolled their way through Bates, Colby-Sawyer, Bryant, and Southern Maine.

Women's Tennis (10-1) entered the loss column for the first time in the season, falling to Brandeis University, 6-3.

Women's Lacrosse (3-2) have scored 71 goals on 22 assists to begin their month and season.

Sailing highlighted a hectic week with a second place finish in the race for the Vietor Trophy as the U.S. Coast Guard Academy.

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